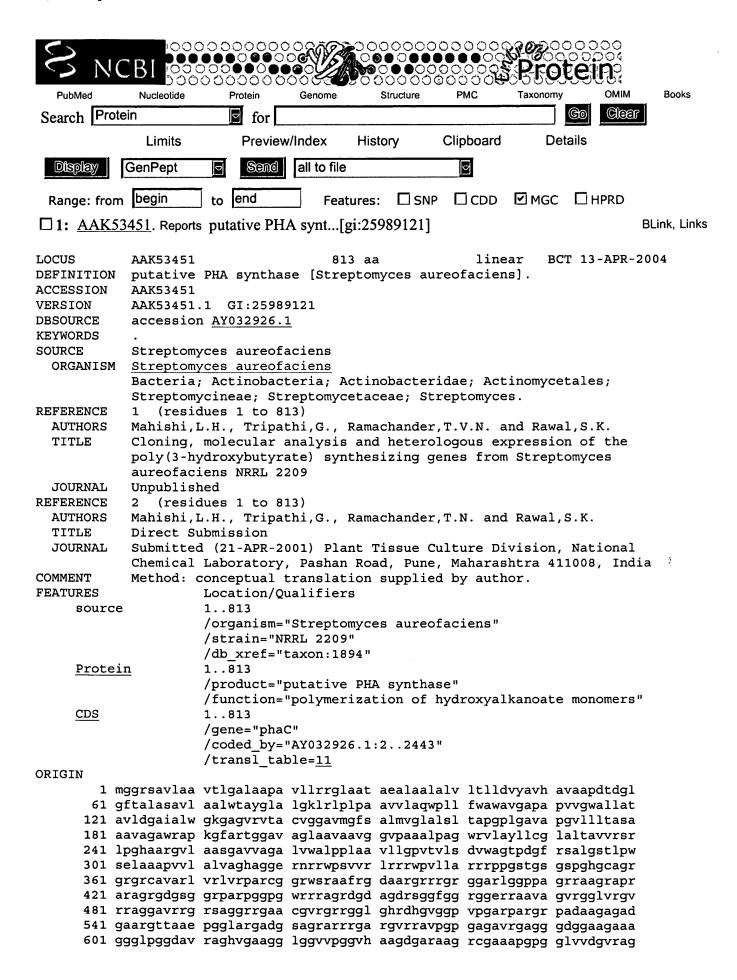
(FILE 'HOME' ENTERED AT 17:51:03 ON 22 FEB 2005)

FILE	'MEDLINE,	CAPLUS,	BIOSIS,	AGRICOLA'	ENTERED	ΑT	17:51:05	ON	22	FEB
2005										

	2005		
L1		2192	S STREPTOMYCES (2N) AUREOFACIENS
L2		0	S L1 AND (HYDROXYBUTYRATE (3N) SYNTHASE)
L3		30	S L1 AND SYNTHASE
L4			DUP REM L3 (18 DUPLICATES REMOVED)
L5		12	S L1 AND (HYDROXYBUTYRATE OR PHB OR PHA OR POLYHYDROXYALKANOATE
L6		5	DUP REM L5 (7 DUPLICATES REMOVED)
L7		4	S NRRL2209
L8		2	DUP REM L7 (2 DUPLICATES REMOVED)

	Type	L	# Hits	Search Text
1	BRS	L1	2	"6756222"
2	BRS	L2	448	hydroxybutyrate and synthase
3	BRS	Ъ3	34	12 and aureofaciens
4	BRS	L4	40	hydroxybutyrate and aureofaciens
5	BRS	L5	10	phb and aureofaciens



```
661 argdaaaqpg grldrpglaq avaagdggag dhparrappa pgaaaarrdg agtgrparag
721 avrgagrgca pplaparpgr avvaggrsdv raaaagrpps egragadavs rarsggaqvt
781 aspgrapvaw atqrarpsvr vgdtgfepvt ssv
//
```

<u>Disclaimer | Write to the Help Desk</u> <u>NCBI | NLM | NIH</u>

Feb 9 2005 14:31:10

Database : A\_Geneseq\_16Dec04:\*
 1: geneseqp1980s:\*
 2: geneseqp1990s:\*
 3: geneseqp2000s:\*
 4: geneseqp2001s:\*
 5: geneseqp2002s:\*
 6: geneseqp2003as:\*
 7: geneseqp2003bs:\*
 8: geneseqp2004s:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

			₹				
Re	sult		Query				
	No.	Score	Match	Length	DB	ID	Description
-		<del></del>					
C	1	1267.5	14.5	19938	6	ABP76680	Abp76680 Streptomy
С	2	1132	12.9	19938	6	ABP76679	Abp76679 Streptomy
	3	1113.5	12.1	19938	6	ABP76679	Abp76679 Streptomy
С	4	1107.5	12.7	19938	6	ABP76682	Abp76682 Streptomy
	5	1081.5	11.7	1953	6	AAE36881	Aae36881 Nephila m
С	6	1075	12.3	19938	6	ABP76681	Abp76681 Streptomy
C	7	1018.5	11.6	2294	7	ABO68485	Abo68485 Pseudomon
С	8	1013	11.6	1706	7	ABO83014	Abo83014 Pseudomon
	. 9	996.5	10.8	19938	6	ABP76680	Abp76680 Streptomy
C	10	995	11.4	1071	7	ADF94310	Adf94310 Human col
C	11	980.5	11.2	1064	2	AAR93254	Aar93254 Collagen-
С	12	980.5	11.2	1064	2	AAW57652	Aaw57652 Collagen-
С	13	980.5	11.2	1065	2	AAR37741	Aar37741 Collagen-
С	14	970.5	11.1	19938	6	ABB98398	Abb98398 Streptomy
	15	958.5	10.4	19938	6	ABB98398	Abb98398 Streptomy
	16	913.5	9.9	19938	6	ABP76681	Abp76681 Streptomy

GenEmbl:\* Database : 1: gb\_ba:\* 2: gb htg:\* 3: gb\_in:\* 4: gb\_om:\* 5: gb\_ov:\* 6: gb\_pat:\* 7: gb\_ph:\* 8: gb\_pl:\* 9: gb\_pr:\* 10: gb\_ro:\* 11: gb\_sts:\* 12: gb\_sy:\* 13: gb\_un:\* 14: gb\_vi:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

			8				
Res	ult		Query				
]	No.	Score	Match	Length	DB	ID	Description
	1	4826	100.0	4826	- <b></b> -	AR560982	AR560982 Sequence
	2	4824.4	100.0	4826	1	AY032926	AY032926 Streptomy
	3	1133	23.5	277000	1	SC0939109	AL939109 Streptomy
С	4	1096.4	22.7	299925	1	AP005048	AP005048 Streptomy
С	5	528	10.9	302007	1	SC0939132	AL939132 Streptomy
С	6	331.8	6.9	3030	8	VCA429230	AJ429230 Volvox ca
	7	314.4	6.5	167254	9	CNS05TDS	AL357093 Human chr
С	8	282.6	5.9	110000	1	AE000516 27	Continuation (28 o
С	9	282.6	5.9	346051	1	BX842580	BX842580 Mycobacte

12: geneseqn2004as:\*
13: geneseqn2004bs:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Re	sult No.	Score	% Query Match	Length	DB	ID	Description
-	1	4826	100.0	4826	13	ADR31451	Adr31451 Streptomy
	2	4822.8	99.9	4826	8	ABX93509	Abx93509 DNA fragm
	3	294.4	6.1	114955	2	AAX53491	Aax53491 Human ade
С	4	282.6	5.9	110000	4	AAI99682_27	Continuation (28 o
С	5	282.6	5.9	110000	4	AAI99682_28	Continuation (29 o
С	6	282.6	5.9	110000	4	AAI99683_27	Continuation (28 o
С	7	271.8	5.6	114955	2	AAX53491	Aax53491 Human ade
	8	262.6	5.4	110000	4	AAI99683_39	Continuation (40 o
	9	260.4	5.4	110000	4	AAI99682_39	Continuation (40 o
С	10	257.4	5.3	2543	12	ACH87341	Ach87341 Human gen
С	11	257	5.3	110000	4	AAI99683_06	Continuation (7 of
	12	255.4	5.3	3921	8	ACA40351	Aca40351 Prokaryot
С	13	255.4	5.3	110000	4	AAI99682_06	Continuation (7 of
С	14	253	5.2	110000	4	AAI99683_39	Continuation (40 o
C	15	242.2	5.0	110000	4	AAI99682_39	Continuation (40 o
С	16	241.2	5.0	110000	4	AAI99682_37	Continuation (38 o
	17	239.6	5.0	110000	4	AAI99682_12	Continuation (13 o

# 

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

				**				
R	esi	ılt		Query				
	ľ	No.	Score	Match	Length I	DΒ	ID	Description
		1	4826	100.0	4826	4	US-09-772-304A-1	Sequence 1, Appli
	С	2	282.6	5.9	4403765	3	US-09-103-840A-2	Sequence 2, Appli
	С	3	282.6	5.9	4411529	3	US-09-103-840A-1	Sequence 1, Appli
		4	262.6	5.4	4403765	3	US-09-103-840A-2	Sequence 2, Appli
		5	260.4	5.4	4411529	3	US-09-103-840A-1	Sequence 1, Appli
	С	6	188.2	3.9	6192	2	US-08-479-537A-1	Sequence 1, Appli
	C	7	188.2	3.9	6192	3	US-09-083-116-1	Sequence 1, Appli
	С	8	188.2	3.9	6192	3	US-09-134-916A-1	Sequence 1, Appli
	С	9	188.2	3.9	6449	2	US-08-479-537A-4	Sequence 4, Appli
	С	10	188.2	3.9	6449	3	US-09-083-116-4	Sequence 4, Appli
	C	11	188.2	3.9	6449	3	US-09-134-916A-4	Sequence 4, Appli
		12	188	3.9	2457	4	US-09-863-859-21	Sequence 21, Appl
		13	188	3.9	4881	4	US-09-863-859-23	Sequence 23, Appl
		14	180	3.7	8438	1	US-07-945-283-1	Sequence 1, Appli

Database : EST:\*
 1: gb\_est1:\*
 2: gb\_est2:\*
 3: gb\_htc:\*
 4: gb\_est3:\*
 5: gb\_est4:\*
 6: gb\_est5:\*
 7: gb\_est6:\*
 8: gb\_gss1:\*
 9: gb\_gss2:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

			₩				
	ult		Query	_			
	No.	Score	Match	Length	DB	ID	Description
C	1	280	5.8	2041	9	AG363808	AG363808 Mus muscu
C	2	275.6	5.7	1695	8	CC290874	CC290874 CH261-172
С	3	266.6	5.5	1674	9	CL078342	CL078342 CH216-149
С	4	263.4	5.5	2332	9	AG363333	AG363333 Mus muscu
	5	262.2	5.4	1956	9	CG754548	CG754548 P050-1-A1
	6	261.6	5.4	1909	9	CL078604	CL078604 CH216-151
	7	259.4	5.4	1628	9	CG757066	CG757066 P052-2-A0
	8	258.2	5.4	1970	9	CG748837	CG748837 P042-4-E0
	9	253	5.2	1738	9	CG750956	CG750956 P045-2-H0
С	10	251.6	5.2	2198	9	AG332729	AG332729 Mus muscu
	11	251	5.2	1839	9	CG747711	CG747711 P041-2-E0
С	12	248.4	5.1	1788	8	CC320563	CC320563 TAM32-34P
	13	247.4	5.1	1793	9	CG754612	CG754612 P050-1-D0

4: pir4:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

			**				
Res	ult		Query				,
	No.	Score	Match	Length	DB	ID	Description
c	1	863.5	9.9	1188	2	S49915	extensin-like prot
С	2	841	9.6	924	2	S27923	gene LF3 protein 📲
	3	829	9.0	1660	2	A70869	hypothetical glyci
С	4	822	9.4	4776	2	E95206	cell wall surface
	5	800	8.7	1489	2	D70807	hypothetical glyci
	6	795	8.6	2639	2	T31328	fibroin - Chinese
	7	791.5	8.6	1381	2	E70806	hypothetical glyci
	8	791	8.6	1901	2	F70806	hypothetical glyci
	9	781.5	8.5	1079	2	B70807	hypothetical glyci
	10	777.5	8.4	1306	2	A70934	hypothetical glyci
	11	776.5	8.4	1329	2	E70917	hypothetical glyci
С	12	776.5	8.9	1344	1	A35175	mucin 1 precursor,
	13	775	8.4	1466	1	CGHU7L	collagen alpha 1(I
	14	774.5	8.4	13288	2	T03099	mucin, submaxillar
	15	753	8.2	2944	2	A54849	collagen alpha 1(V

Database :

UniProt\_03:\*

1: uniprot\_sprot:\*
2: uniprot\_trembl:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	_		*				
Res	ult		Query				
	No.	Score	Match	Length	DB	ID	Description
	1	4169	45.2	813	2	Q8GFF3	Q8gff3 streptomyce
С	2	3203	36.6	579	2	Q8GFF2	Q8gff2 streptomyce
	3	1795	19.5	368	2	Q8GFF1	Q8gff1 streptomyce
	4	1629	17.7	796	2	Q827V3	Q827v3 streptomyce
	5	1509	16.4	818	2	Q9F3E4	Q9f3e4 streptomyce
C	6	1351	15.4	263	2	Q8GFE8	Q8gfe8 streptomyce
С	7	1255 •	14.3	245	2	Q8GFF0	Q8gff0 streptomyce
С	8	1133.5	13.0	3409	2	Q6SSE6	Q6sse6 chlamydomon
С	9	1109.5	12.7	3889	2	Q6SSE8	Q6sse8 chlamydomon
	10	1081.5	11.7	1953	2	Q9BIT7	Q9bit7 nephila ina
С	11	1057.5	12.1	676	2	Q95JC9	Q95jc9 sus scrofa
С	12	1020	11.7	190	2	Q8GFE9	Q8gfe9 streptomyce
	13	930.5	10.1	1884	2	Q9NHW2	Q9nhw2 nephila ina
С	14	914.5	10.5	7524	2	Q6PZE0	Q6pze0 mus musculu
	15	891.5	9.7	2249	2	Q9NHW4	Q9nhw4 nephila cla
C	16	891	10.2	566	2	Q95JD1	Q95jd1 sus scrofa
C	17	863.5	9.9	1188	2	Q41805	Q41805 zea mays (m
C	18	841.5	9.6	2752	2	Q9UQ35	Q9uq35 homo sapien